

Green Hills Area Transportation Plan

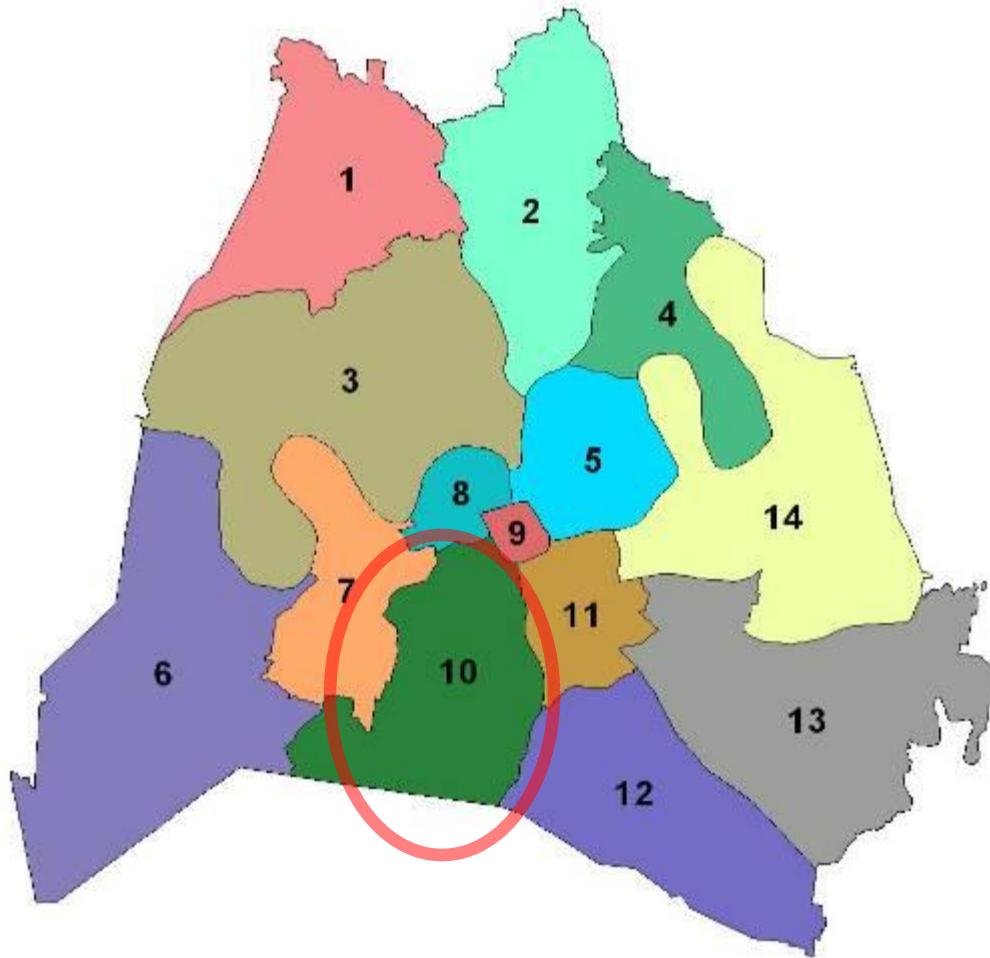
November 18, 2013
Community Meeting

Community Plans

- Guide Metro Planning recommendations to Metro Council:
 - Changes in zoning
 - Infrastructure improvements
 - Various other development related decisions (ex: surplus property disposition)
- Metro Council makes the zoning decision - they are our legislative body
- Cities need to have plans to guide their development decisions



Community Plans



1. Joelton
2. Union Hill
3. Bordeaux/Whites Creek
4. Madison
5. East Nashville
6. Bellevue
7. West Nashville
8. North Nashville
9. Downtown
10. Green Hills-Midtown
11. South Nashville
12. Southeast Nashville
13. Antioch-Priest Lake
14. Donelson-Hermitage-Old Hickory

Community Plans

- Major & Collector Street Plan



Mass Transit



Pedestrians



Bicyclists



Vehicles



Green Hills Area Plan

August 2011



TGHAP

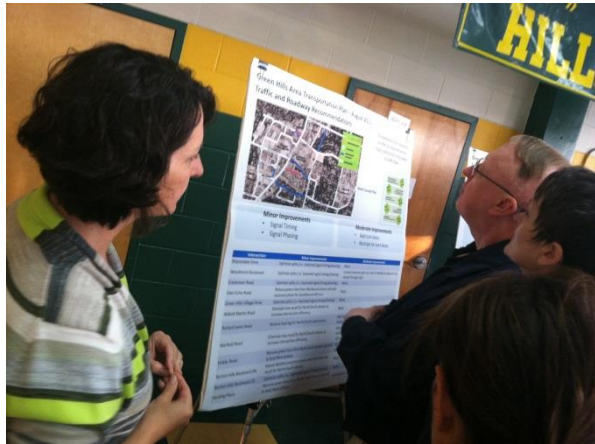


Sustainability. Livability. Mobility.

Community Meeting - October 28



- 137 people attended
- Survey available



What is next for Nashville?

Changing Communities



Tomorrow's Nashville



Changing Economy



Infrastructure



Environment

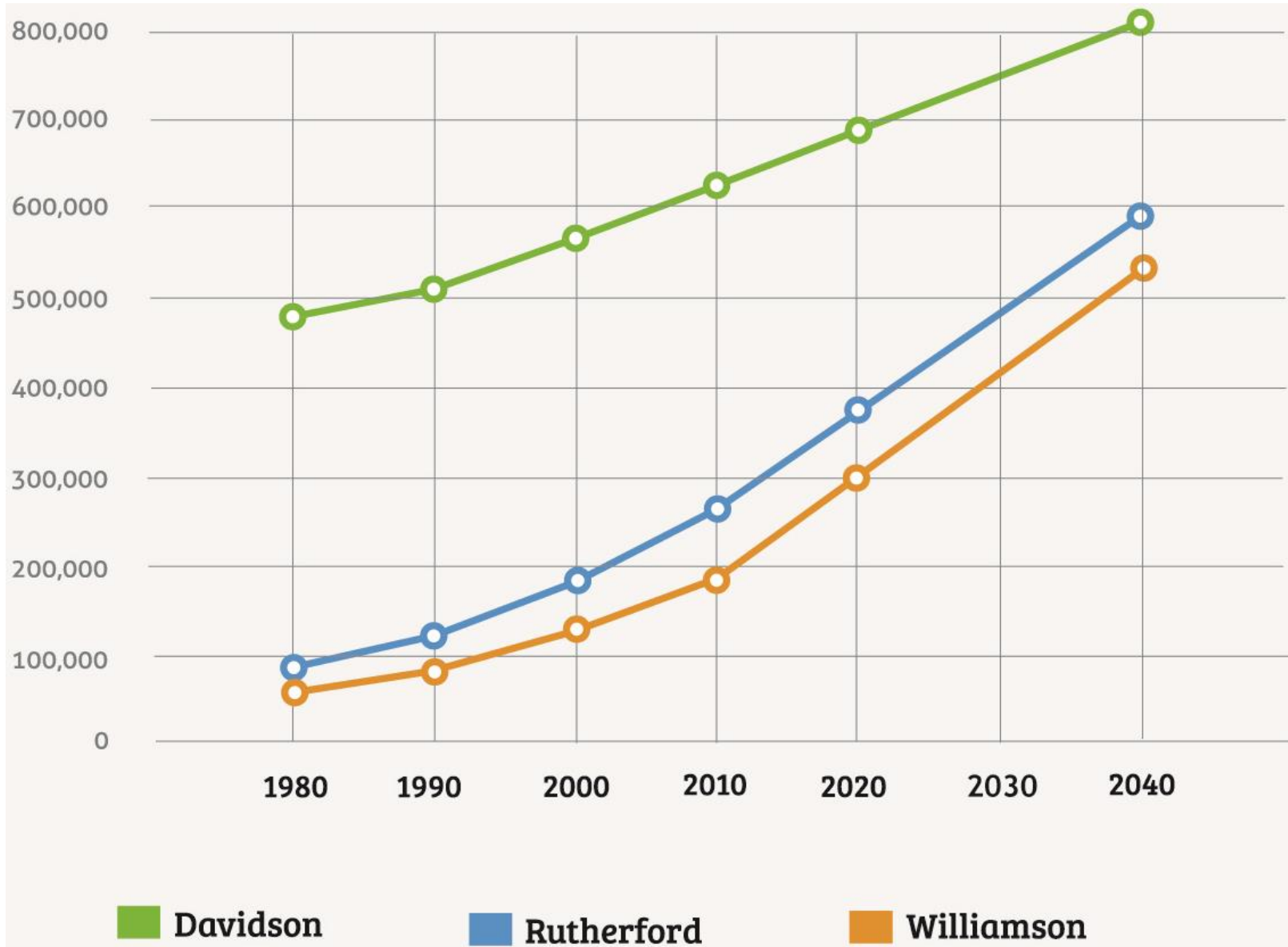


Regional Land Growth

Growth Davidson County 1963-2040



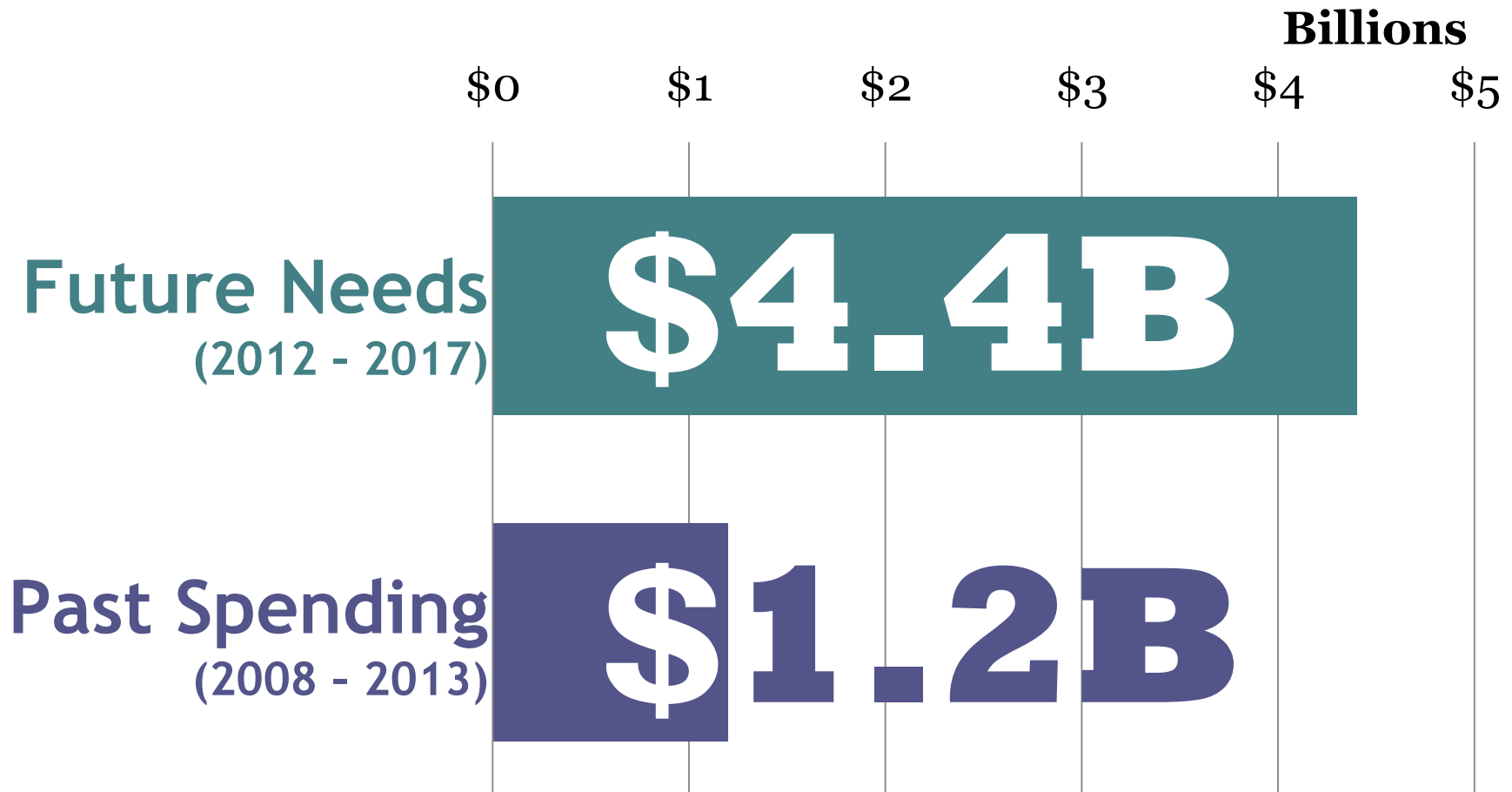
Projected Population Growth: 1980-2040



Gen X, Gen Y, Millennials

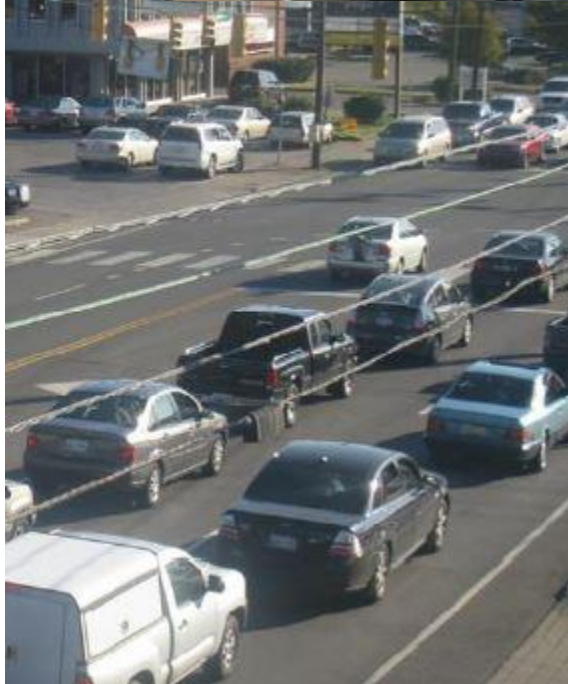


Infrastructure Needs



Future needs: Tennessee Advisory Commission on Intergovernmental Relations
Past spending: Metro Capital Improvements Budget (2007-2008 through 2012-2013)

Green Hills Traffic!



Nashville Ledger
January 4 - 10, 2013
Vol. 39 | Issue 1
www.nashvilleledger.com

Green Hills jams about to worsen
New development will add to delays, serve as model for longterm solution
Renee Elder | Correspondent

A new 14-story, mixed-use development in the works for Green Hills fits nicely with Metro Nashville's plans to remake the traditional 1940s neighborhood into a modern, urban village. Urbanism, sometimes called New Urbanism, is a concept of city planning that strives to create livable, sustainable communities that are pedestrian and bike friendly, offer stores and services in close proximity to residents, and have higher density in residential population, all of which is designed to reduce traffic congestion.

But the construction hordes and traffic...

Running out of time
As 90, patience is a tough sell for Titans owner Bud Adams. But it is needed.

Taking local to new level
The Hermitage Hotel has purchased a Dicksen Farm to supply Capitol Grille.

MOZART & STRAUSS
JAN. 10-12
BUY TICKETS AT: nashvilleopera.org 615.259.1400

Public Records
inside & online
nashvilleledger.com

Ready Check
No crystal ball required
With the Great Recession all but a distant memory, 2013 looks like another good year for Midstate real estate.

Photo: Luke Graves | Nashville Ledger
A new development at the site of Green Hills Service Center (upper center) on Hickory Road will make the afternoon drive past The Mall at Green Hills even more difficult.

Public Records
Ready Check
Community Calendar
Newsletters
Public Records
Public Notices and
Permits
15-20, 25-42
21

Green Hills Traffic
GreenHillsUGH
here in Green Hills today? Yeah right.
Green Hills, Tennessee

2 FOLLOWERS

Follow

GreenHillsUGH 22 Apr
k on time even though there was a fender
ke? Yeah right.
← Reply ↻ Retweet ★ Favorite *** More

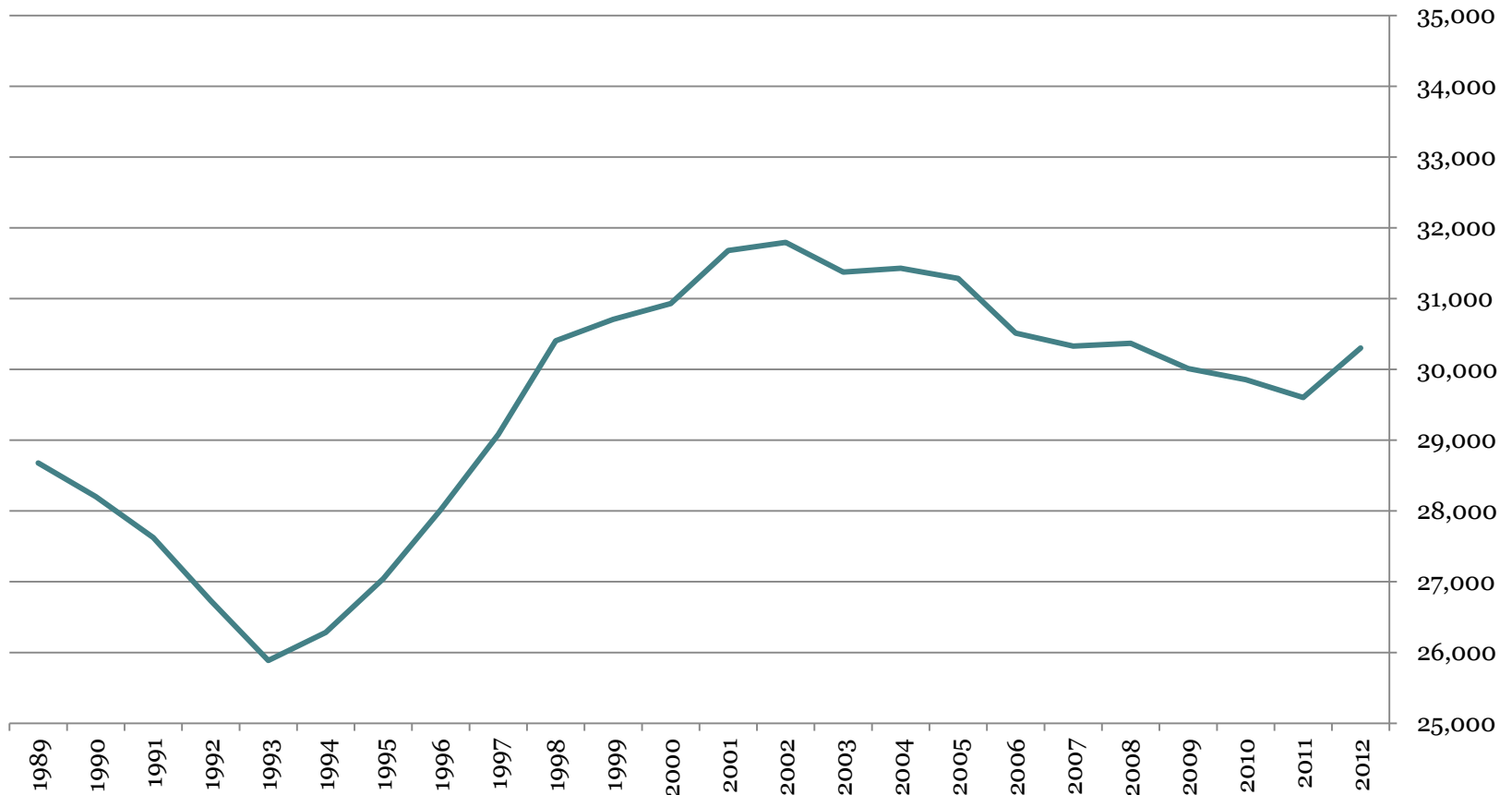
GreenHillsUGH 19 Apr
work early on a Friday? Yeah right.
← Reply ↻ Retweet ★ Favorite *** More

GreenHillsUGH 19 Apr
le during your lunch break? Yeah right.
← Reply ↻ Retweet ★ Favorite *** More

GreenHillsUGH 19 Apr
ke it to @Grimeys in time for Record
Yeah right.
← Reply ↻ Retweet ★ Favorite *** More

Green Hills Traffic

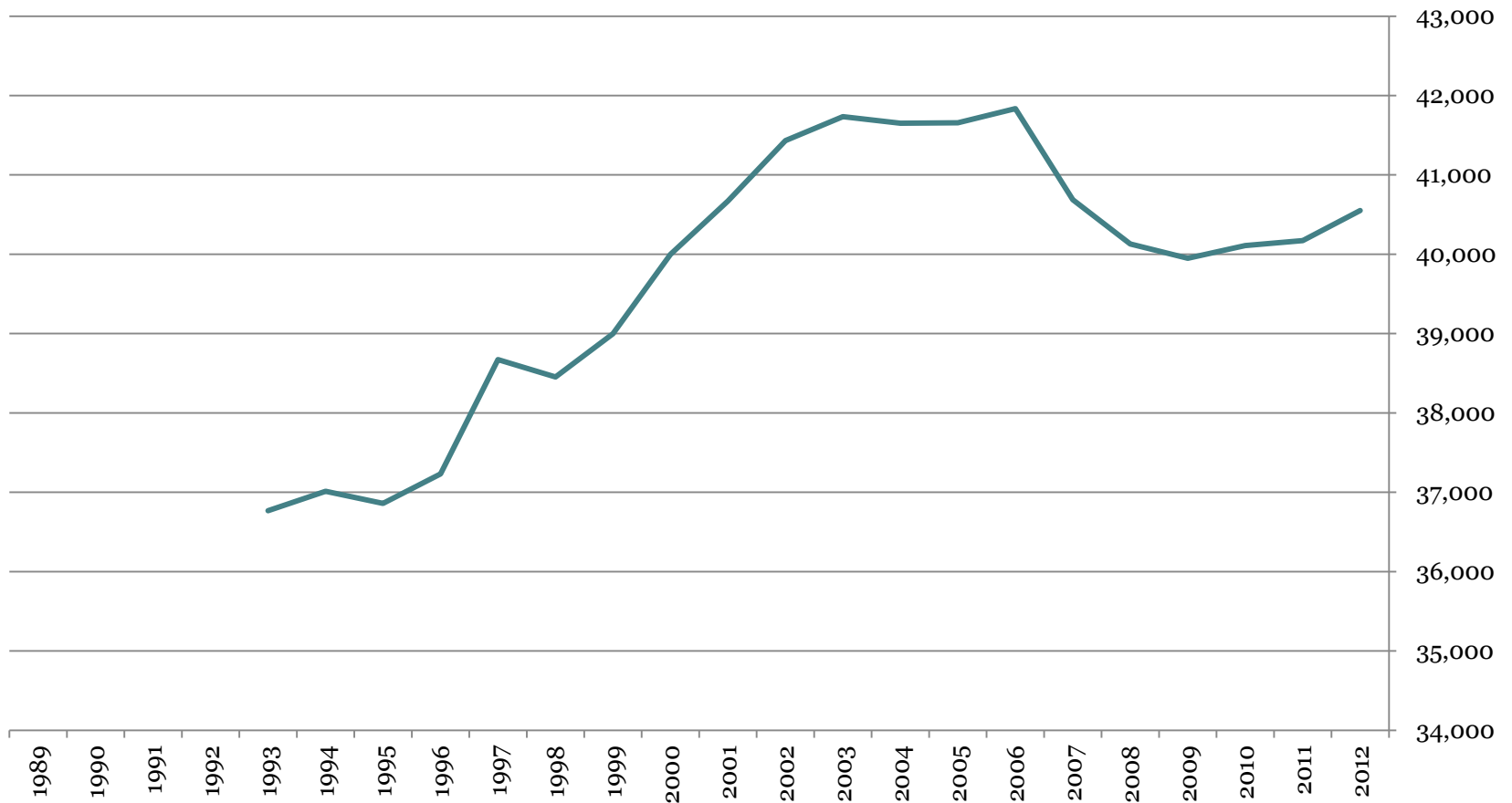
Hillsboro Rd. at The Mall at Green Hills



Source: Tennessee Department of Transportation

Green Hills Traffic

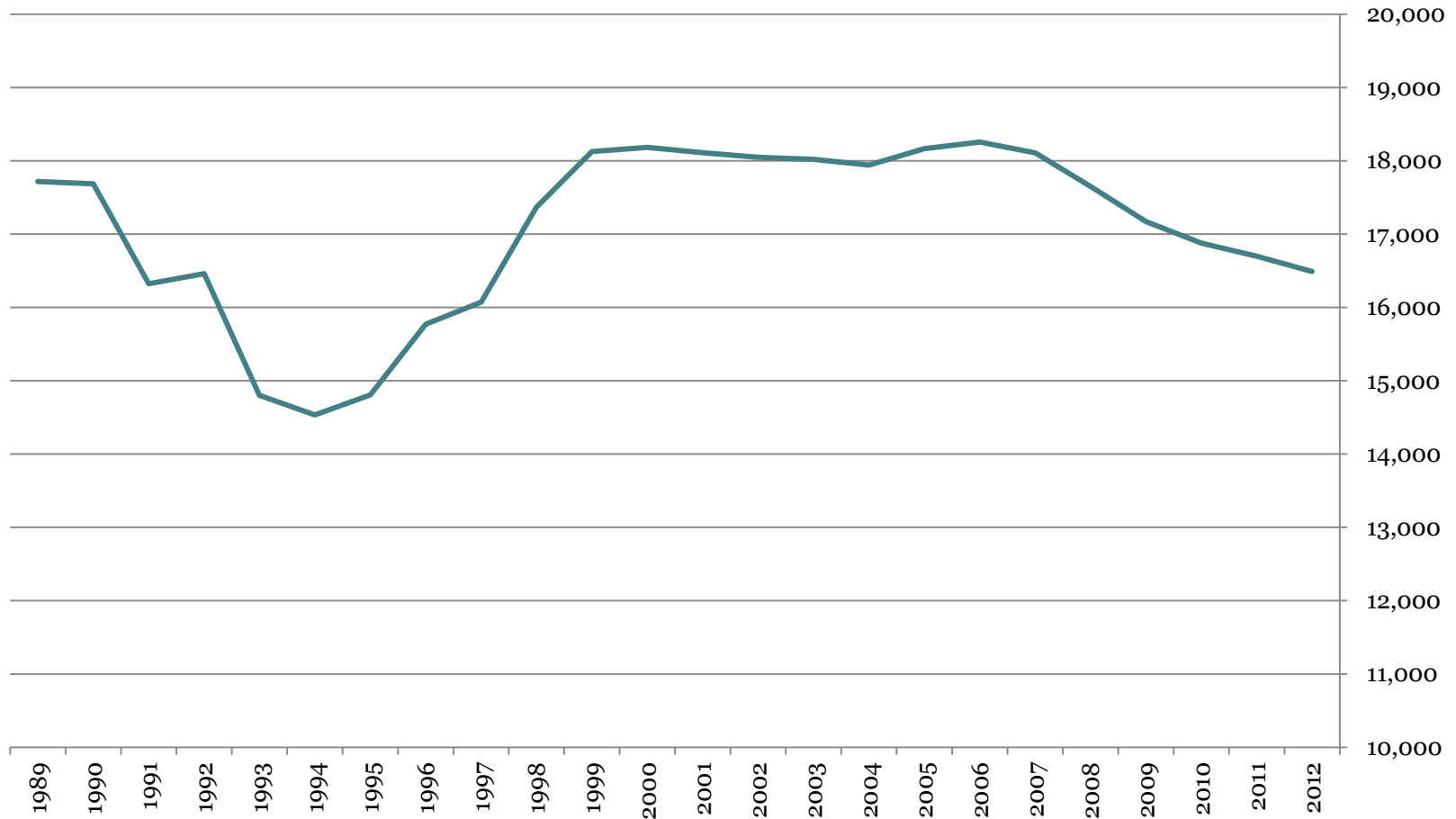
Hillsboro Rd. at Golf Club Ln.



Source: Tennessee Department of Transportation

Green Hills Traffic

Hillsboro Rd. south of Harding Rd.



Source: Tennessee Department of Transportation

Latent Demand

- Supply increases, more of a good is consumed
- “Fundamental Law of Road Congestion”
(Duranton & Turner, 2009)
 - Extension of most major roads is met with a proportional increase in traffic
 - Extension of transit will not reduce traffic
(moving more people though)
- “Carmageddon” – L.A. 405 Freeway – 135,000 vehicles
- Paseo Bridge Closure in Kansas City – 95,000 vehicles

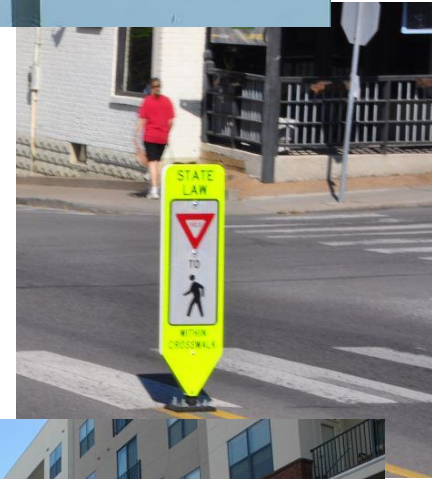
Transportation Demand Strategies

- Traffic signal coordination & timing
- Traffic cameras/ITS network
- Street connectivity
- Access management
- Complete Streets – Moving people
- Active transportation
- Mass transit
- Land use density
- Carpool/vanpool
- Flex-time work schedules



Transportation Demand Strategies

- Traffic signal coordination & timing
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- **Street connectivity**
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- Flex-time work schedules





PRIVATE



PUBLIC



COMMUNITY

Plan Recommendations

- Streets
 - Signal timing & phasing
 - Turn lane additions
 - Additional street connections – see map
 - Road realignments:
 - Abbott Martin Road/Richard Jones Road
 - Crestmoor Road/Glen Echo Road
 - Interchange at Granny White & 440
 - Access management strategies
 - Consolidate driveways
 - Reduce access points
 - Median

Plan Recommendations

- Transit
 - Stop improvements
 - Transit Signal Priority
 - Potential interface with The AMP
 - Extend service to Burton Hills
 - Create park-n-ride at Burton Hills
 - Develop transit mini-hub at old library location
 - Create a local circulator service

Plan Recommendations

- Pedestrian & Bicycle
 - Sidewalk network needed – pedestrian promenades
 - Pedestrian crossing improvements
 - Planned bike network or lanes
 - Sugartree Creek greenway

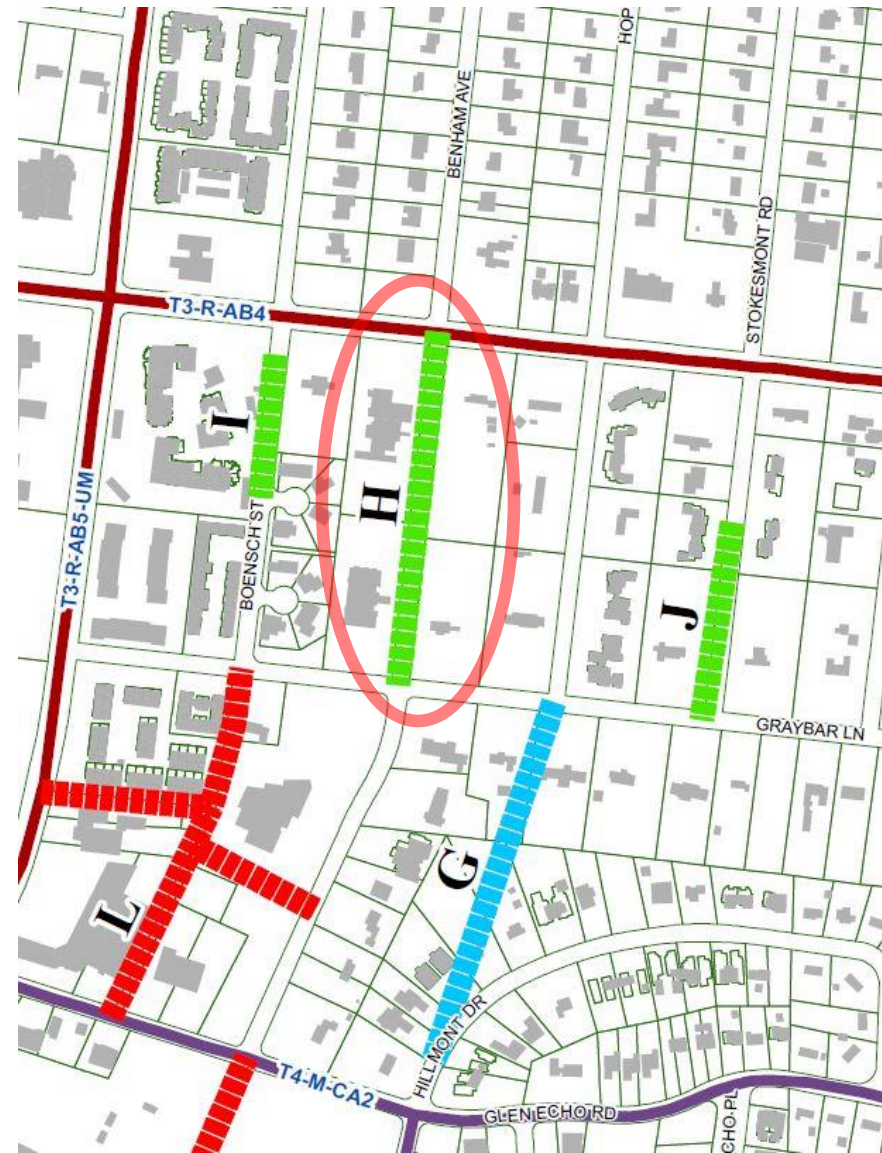
Proposed Modifications

- Remove the Hilldale Drive street connections (A & B)
 - A portion of Hilldale Drive was abandoned by Metro Ordinance #2007-1941 at request of the property owner



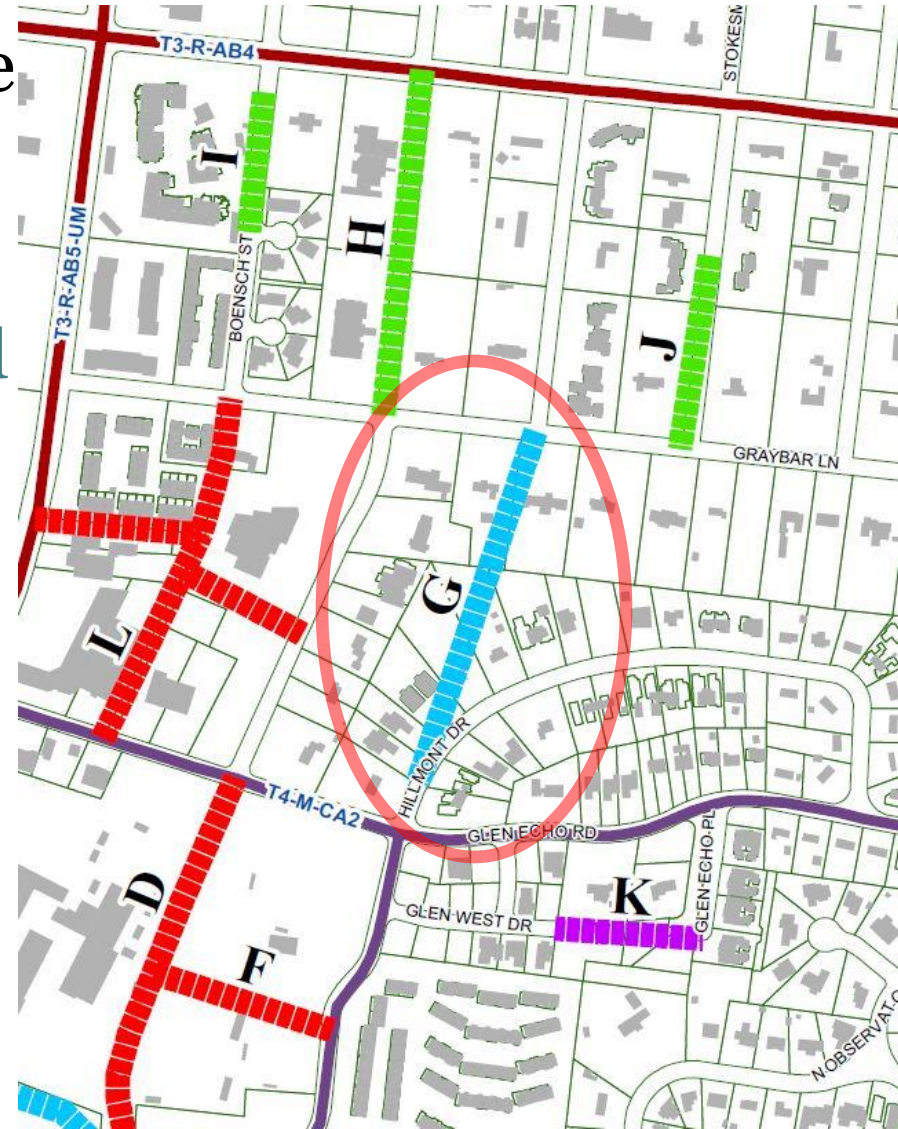
Proposed Modifications

- Remove the Benham Avenue street connection (H)
 - A 12' multi-use path will be required with new development approved by the Planning Commission



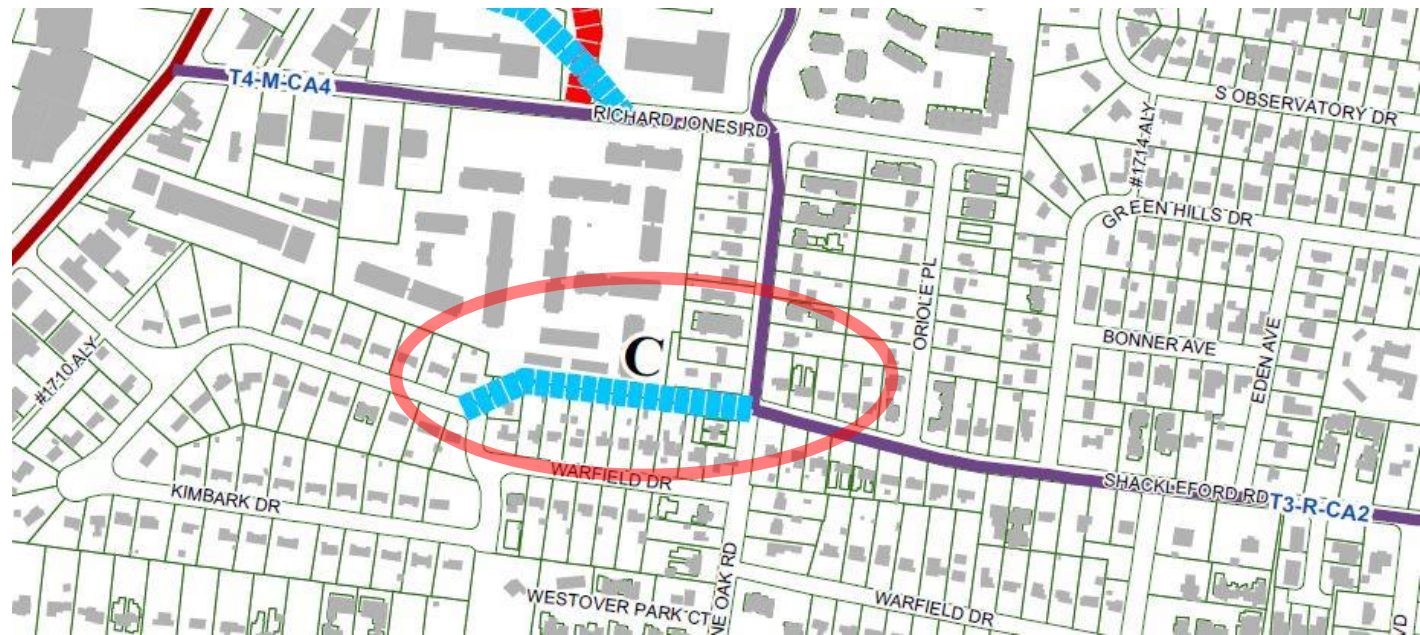
Proposed Modifications

- Remove the Hillmont Drive realignment with Hopkins Street (G)
 - Nearby Metro property and the potential for redevelopment along Hillsboro Pike creates an opportunity for a grid street network in close proximity



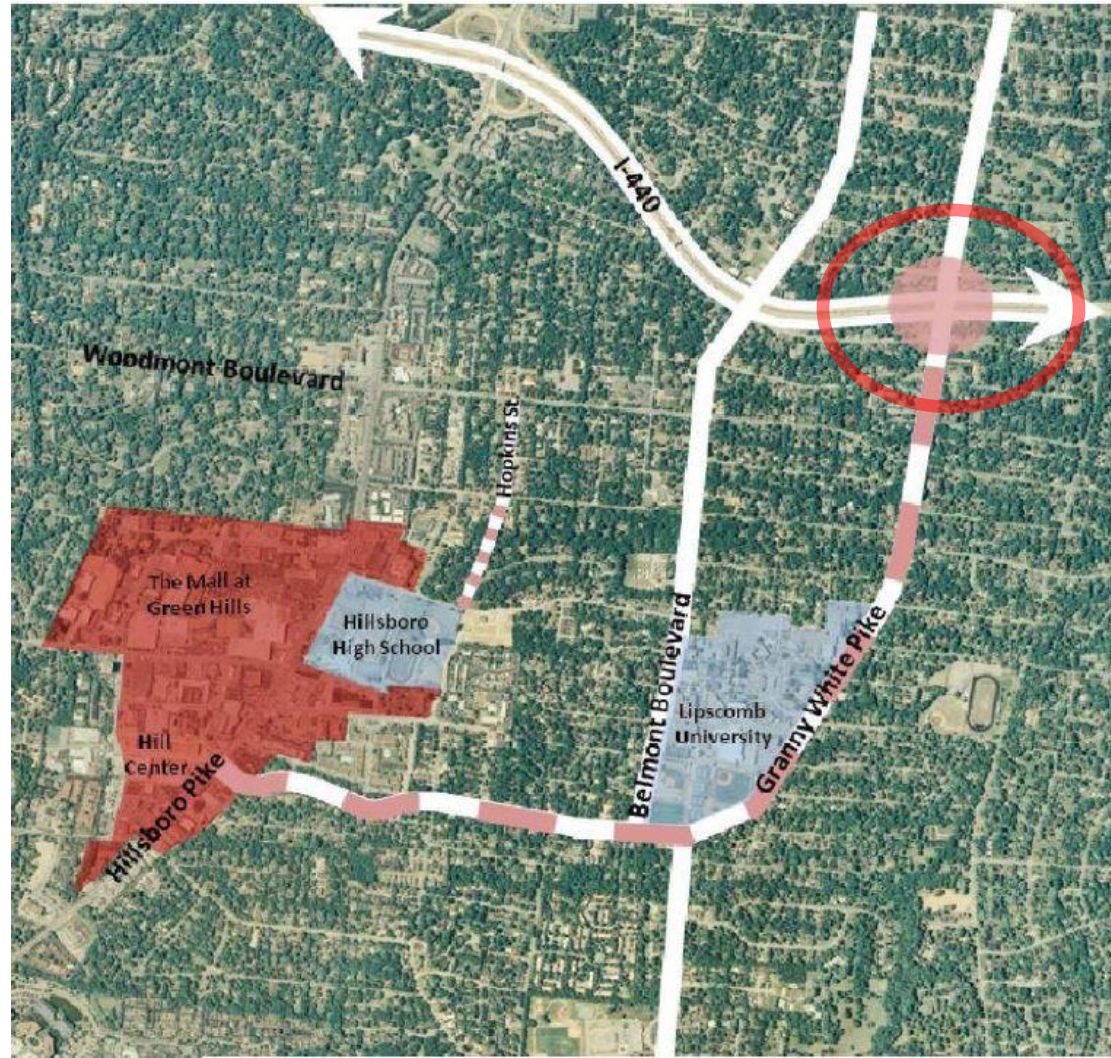
Proposed Modifications

- Request MPC to review the Warfield Drive realignment with Shackleford Road (C)
 - Metro Planning Commission approved 8-unit development that precludes connection
 - Scheduled for third reading at Council on Tuesday night



Proposed Modifications

- Continue the discussion on the interchange at I-440 and Granny White Pike
 - Bike/ped /transit
 - Limited interchange
 - Park & ride
 - Other ideas?



Context Sensitive 440 Interchange

No 440 Interchange

Multi-modal Improvements

- Short-term relief to Hillsboro Pike congestion
- Traffic into 12South
- Granny White Pike will need improvements
- Improved ability to walk/bike
- Most mobility for all modes
- Most costly scenario
- Biggest change in character of streets & neighborhoods

- No relief to congestion on Hillsboro Pike – side streets traffic
- 12South traffic & parking issues
- Granny White Pike will need improvements
- Most improved ability to walk/bike
- More mobility for bike/ped/transit
- Costly scenario
- Street character is more walkable and bikeable; neighborhood character is more preserved

No Multi-modal Improvements

- Short-term relief to Hillsboro Pike congestion
- Traffic into 12South
- Granny White Pike will need improvements
- Harms ability to walk/bike
- Mobility improvements for cars
- Costly scenario
- Significant change in street and neighborhood character

- No relief to congestion on Hillsboro Pike – side streets traffic
- 12South traffic & parking issues
- Granny White Pike will need improvements
- Limited ability to walk/bike
- Least mobility for all modes
- No cost(?) – environmental, economic & social cost
- No change in street & neighborhood character



Proposed Modifications

- Pursue B-cycle stations in Green Hills & Sevier Park
- Prioritize sidewalk improvements
 - Hillsboro Pike from Woodmont to Harding
 - Belmont Park Terrace
 - Lone Oak
 - Stokes Lane
 - Woodmont Boulevard
- Explore circulator service and Park and Ride options between 12South and Green Hills area during the Transit Strategic Master Plan Update by MTA in 2014

- Defer adoption by the MPC for now to continue the discussion about the Transportation Plan
- No public hearing on December 12
- Possible future community meetings

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